

Effective Date: October 12, 1997

STATE OF WISCONSIN  
CLASSIFICATION SPECIFICATION

**ENGINEERING CONSULTANT - PLUMBING PRODUCT REVIEW  
CLASSIFICATION SERIES**

**I. INTRODUCTION**

**A. Purpose of This Classification Specification**

This classification specification is the basic authority under Wis. Admin. Code ER 2.04 for making classification decisions relative to positions responsible for providing specialized expertise for the product review program for the Department of Commerce. The Bargaining Unit assignment is determined by the Wisconsin Employment Relations Commission per s. 111.825, Wis. Stats.

Classification decisions must be based on the "best fit" of the duties within the existing classification structure. The "best fit" is determined by the majority (i.e., more than 50%) of the work assigned to and performed by the position when compared to the class concepts and definitions of this specification or through other methods of position analysis. Position analysis defines the nature and character of the work through the use of any or all of the following: definition statements; listing of areas of specialization; representative examples of work performed; allocation patterns of representative positions; job evaluation guide charts, standards or factors; statements of inclusion and exclusion; licensure or certification requirements; and other such information necessary to facilitate the assignment of positions to the appropriate classification.

**B. Inclusions**

This series encompasses specialized engineering positions at the Department of Commerce, Division of Safety and Buildings which devote the majority of their time to reviewing new material requests and petitions for variance for plumbing products and water treatment devices. Positions included in this series must meet the Qualifications prescribed under Section I.C.

**C. Qualifications**

Specific qualifications for positions will be determined at the time of recruitment. Positions included in this series are frequently specialized and may require specific knowledge and skills in one of the recognized engineering disciplines such as structural, architectural, civil, environmental, or mechanical.

**D. Exclusions**

1. Positions that are NOT located within the Department of Commerce, Division of Safety and Buildings.
2. Positions that do NOT spend the majority of their time in the product review consultant program.
3. Other positions which are more appropriately identified by other classification series.

**E. Entrance Into and Progression Through This Series**

Employees typically enter this classification series by competitive examination. Progression to the senior level will occur through reclassification. Progression to the advanced level will typically occur through some form of competitive examination.

## **II. DEFINITIONS**

### **ENGINEERING CONSULTANT - PLUMBING PRODUCT REVIEW**

Work is performed under close progressing to limited supervision. Positions at this level receive work assignments which have clearly defined objectives; have specific guidelines and instructions available; may involve complex projects from start to finish; and exercise limited discretion in decision making. The level of involvement in any work assignment is based on an assessment of the employee's work by the immediate supervisor.

### **ENGINEERING CONSULTANT - PLUMBING PRODUCT REVIEW - SENIOR**

This is the objective level for positions which work under general supervision and are responsible for performing complex duties the majority of time. Positions may specialize in one of the following areas or may perform duties which are a combination of the two specialized areas. 1) Review requests for approval for prefabricated sewage treatment tanks and devices, cross-connection control devices, health care and laboratory plumbing appliances, prefabricated plumbing systems, water conserving faucets, fixtures and spouts, and any plumbing product not specifically addressed in the Wisconsin Uniform Plumbing Code. Provide educational and technical assistance through consultation regarding building, plumbing, safety and health codes and standards. AND/OR 2) Review requests for approval of water treatment devices. Provide educational and technical assistance through consultation with division staff, other state agencies, manufacturers, testing laboratories, retailers, licensed plumbers, plumbing designers, inspectors, legislators, engineers, architects, local officials and the general public.

### **ENGINEERING CONSULTANT - PLUMBING PRODUCT REVIEW - ADVANCED**

This is the objective level for positions which work under general supervision and are responsible for performing the most complex product review and related duties a majority of the time. Positions may specialize in one of the following areas or may perform duties which are a combination of the two specialized areas. 1) Recommend and assist in developing technical building, plumbing, safety and health codes and standards as administrative rules. Develop code interpretations. Recommend action on Petitions for Variance. Prepare documents published by the Department. Participate in efforts to protect consumers from problems caused by the sale, installation or use of all plumbing or water treatment products. AND/OR 2) Review requests for approval of water treatment devices, chemical or biochemical treatments for private sewage systems, and of any plumbing product not specifically addressed in the Wisconsin Uniform Plumbing Code and Wisconsin Statutes. Devices, treatments and products are reviewed for conformity to the statutes and Wisconsin Uniform Plumbing Code. Provide educational and technical assistance through consultation with division staff, other state agencies, federal agencies, standard setting organizations, manufacturers, testing laboratories, retailers, licensed plumbers, plumbing designers, inspectors, legislators, engineers, architects, local officials and the general public regarding building, plumbing, and safety and health codes and standards. Work with the National Sanitation Foundation and the U.S. Environmental Protection Agency in developing national health effect standards for pipes and related products in contact with drinking water. Develop technical building, plumbing, and safety and health codes and standards as administrative codes. Participates in department efforts to protect consumers from problems caused by the sale, installation, or use of all plumbing products. Prepare documents other than codes published by the department. Participate in public relations efforts and training presentations for building and plumbing industry and general public. Act as the primary resource person for the Division for activities relating to chemistry and chemical engineering aspects of water quality and plumbing design, installation, operation, product review and code development.

### **III. ADMINISTRATIVE INFORMATION**

This classification series was created effective October 12, 1997 and announced in Bulletin CC/SC-74 to describe positions which perform engineering consultation work as it related to the uniform dwelling code for the Department of Commerce. The creation of this classification series resulted from the Governor's Human Resource Reform Commission recommendation to simplify the classification system. This action also resulted in the abolishment of the Engineering Consultant - Plumbing Product Review classification series (class codes 24601 through 24605).

CAJ  
24661